

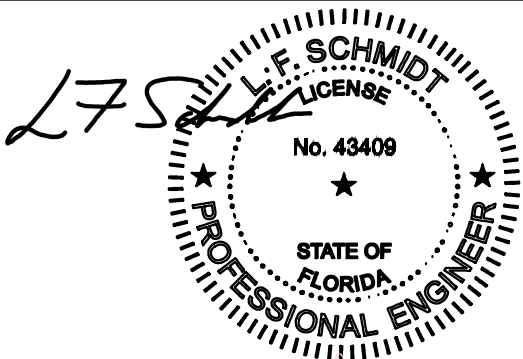
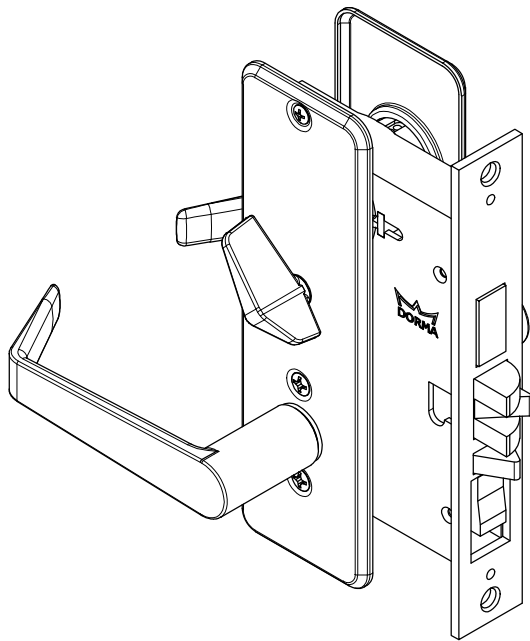
Dorma Drive, Drawer AC
Reamstown, PA 17567

"M9000 SERIES" MORTISE LOCKSET
in a
STEEL COMMERCIAL DOOR
INSWING / OUTSWING
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. When used in the "HVHZ", this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
3. When used in areas outside the "HVHZ" requiring wind borne debris protection, this product complies with FBC Section 1609.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and FBC Section 1609.1.2.2.
5. This product has been tested in the door panels as specified in this approval. Substitution into a similar product may be approved for use by the local Authority Having Jurisdiction. In all cases, the steel door used must possess a comparable current Florida Statewide product approval. The door panel size and design pressure (DP) rating shall not exceed the sizes and DP ratings shown in this approval or the steel side hinged swing door approval being used.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. This product does not meet the water infiltration requirements for the "HVHZ" and shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.
8. When used in the "HVHZ", all steel shall be protected as specified in FBC Section 2222.6.

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1	Typical Elevation, Design Pressures & General Notes
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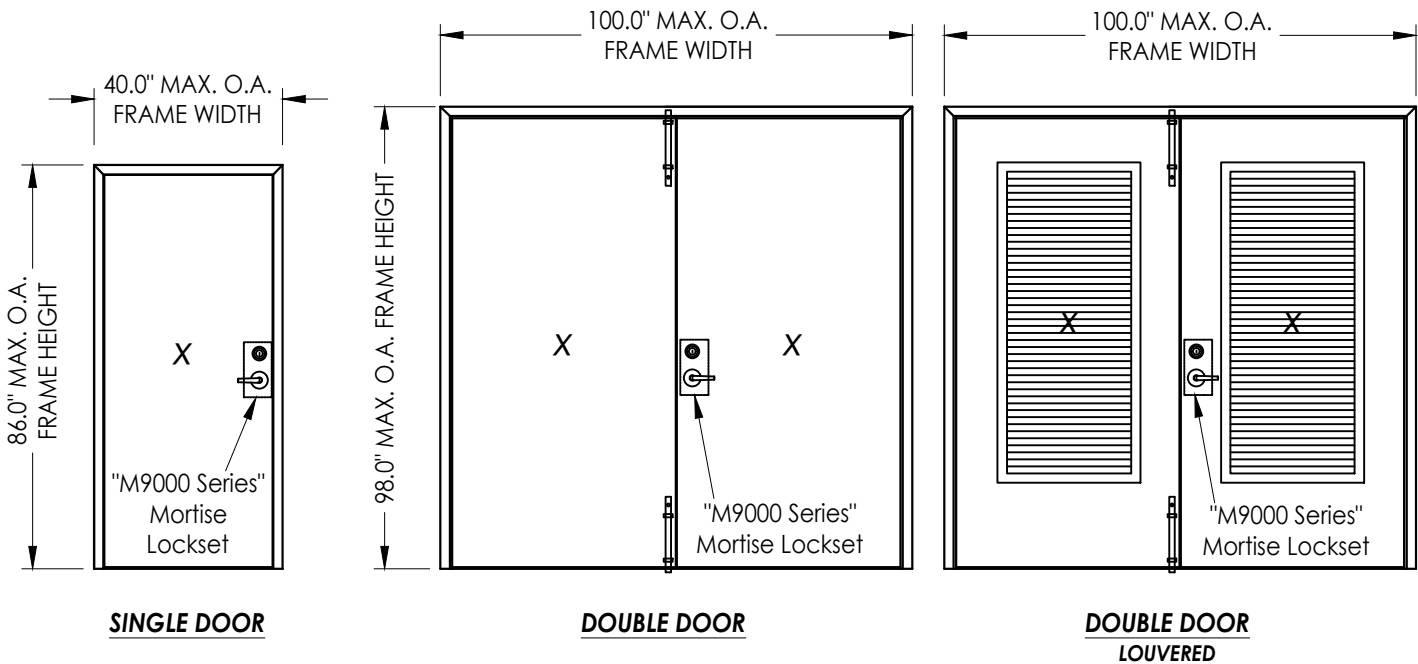


Digitally signed by Lyndon F Schmidt
Date: 2023.09.26 15:04:43 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

"M9000 SERIES" Mortise Lockset



LOCKSET TYPE	MAX FRAME DIMENSION	CONFIGURATION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
			POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
"M9000 SERIES" Mortise Lockset (DORMA)	40.0" x 86.0"	SINGLE	+80.0	-80.0	+80.0	-80.0
	52.0" x 98.0"	SINGLE	N/A	N/A	+70.0	-70.0
	100.0" x 98.0"	DOUBLE				
	52.0" x 98.0"	SINGLE (Louvered)	N/A	N/A	+60.0	-60.0
	100.0" x 98.0"	DOUBLE (Louvered)				

NOTE: SURFACE BOLTS REQUIRED AT TOP & BOTTOM OF INACTIVE DOOR

N/A: NOT APPLICABLE

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

3	8/31/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS	
2	9/28/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS	
1	7/26/17	UPDATE TO 6TH ED.	(2017)	FBC	LFS	
NO.	DATE				BY	
						REVISIONS

DATE: 3/23/17

SCALE: N.T.S.

DWG. BY: JK

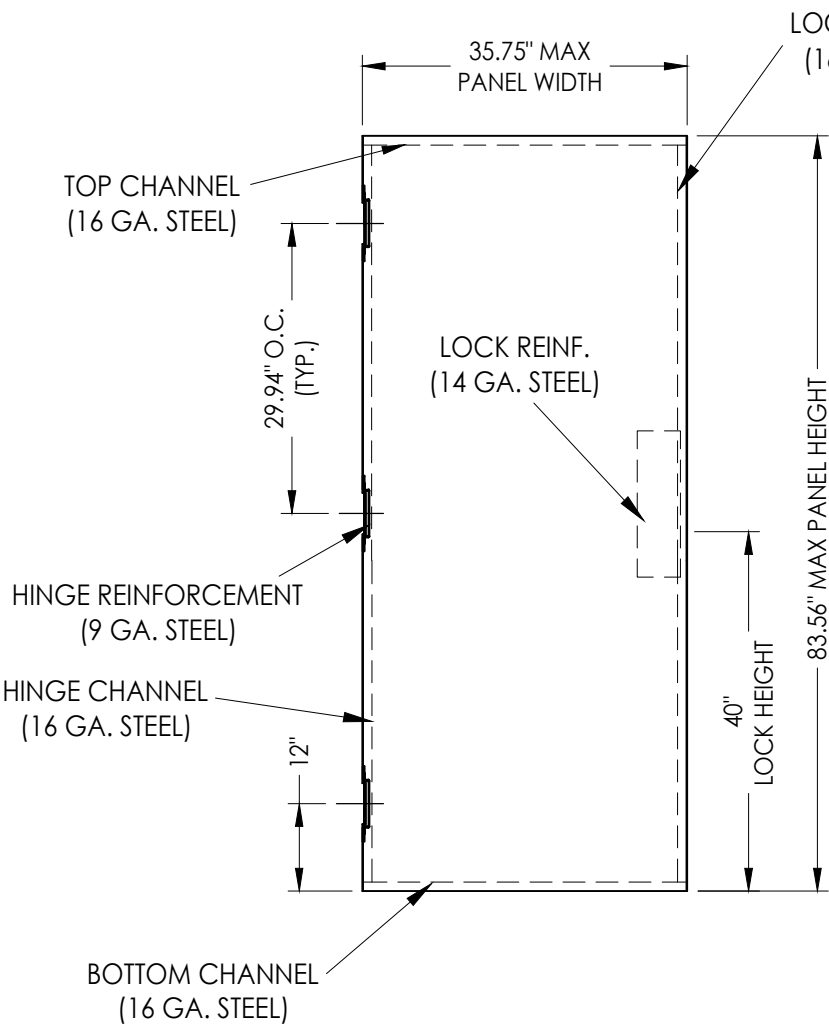
CHK. BY: LFS

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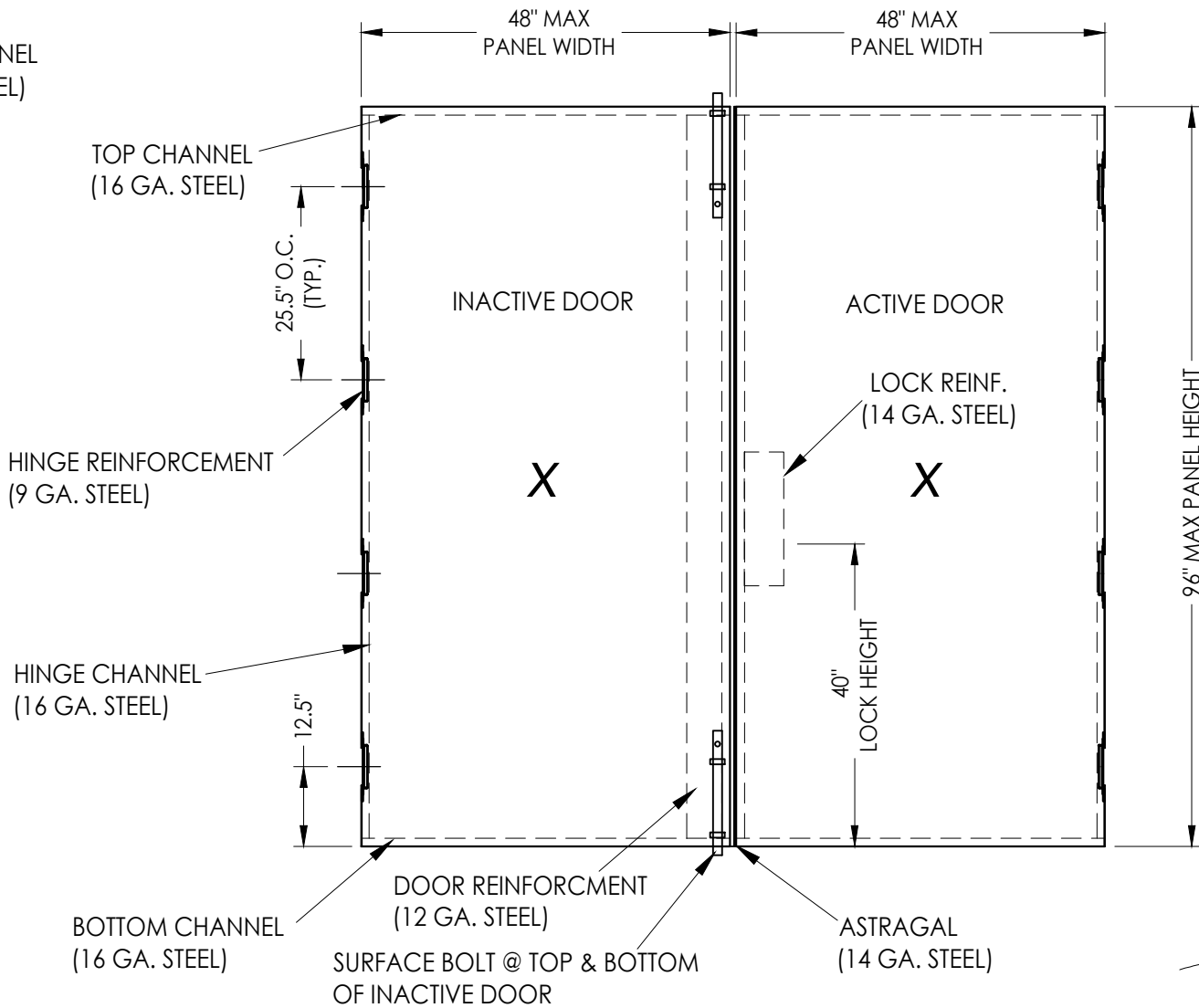
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SHEET 1 OF 3

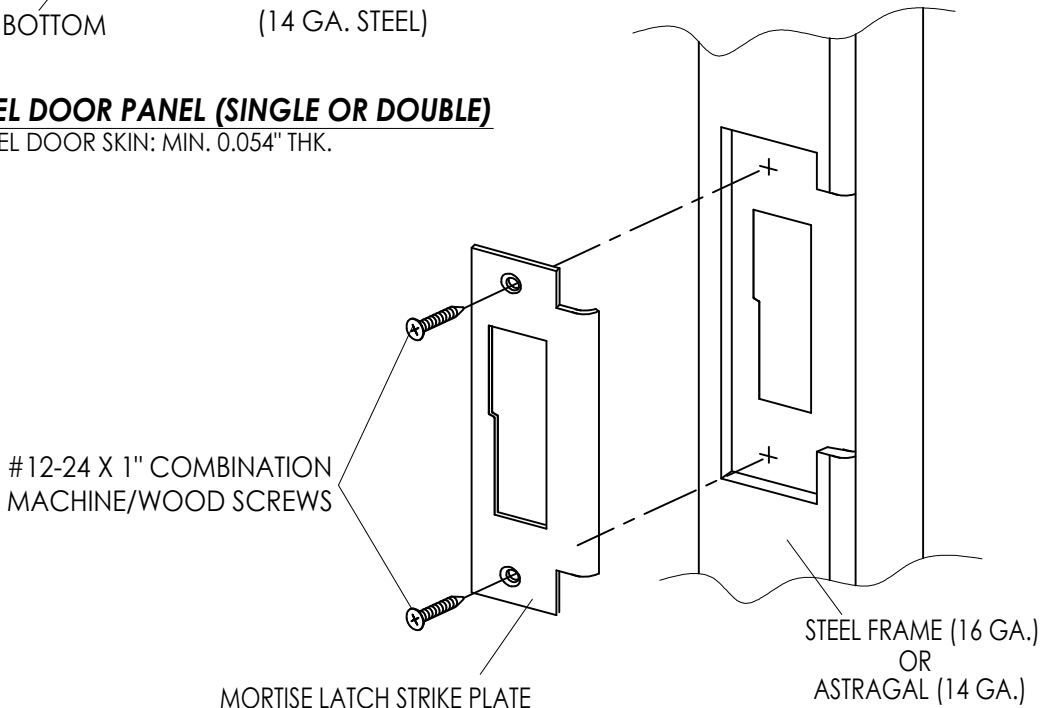
Z:\2023 FBC Drawings\dormakaba USA\FL-16734 R6\FL-16734.7.dwg



18 GAUGE STEEL DOOR PANEL (SINGLE)
STEEL DOOR SKIN: 0.044" MIN. THK.



16 GAUGE STEEL DOOR PANEL (SINGLE OR DOUBLE)
STEEL DOOR SKIN: MIN. 0.054" THK.



STRIKE PLATE DETAILS

NOTE: Door panels shown as tested. Refer to current Florida Statewide Product Approval for actual specifications and installation instructions.

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT:		DORMA		DOOR PANEL & STRIKE PLATE DETAILS			
				LFS	FBC	(2023)	8/31/23
				LFS	FBC	(2020)	9/28/20
				LFS	FBC	(2017)	7/26/17
				BY			NO.
				DATE			NO.
REVISIONS							
DATE: 3/23/17							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-16734.7							
SHEET 3 OF 3							